

male *pamphilus* has a bald patch ventrally, that extends from the tip to about the eighth segment from it. The distal end of the antenna of female *thyrsis* has a bald patch ventrally that extends from the tip to about the fifteenth segment from it, while that of female *pamphilus* has a bald patch ventrally that extends from the tip to about the eighth segment from it.

The degree, constancy and broad range of these differences, as well as their deviation from the set of differences separating the various subspecies and forms of *pamphilus* from each other, suggest that *thyrsis* and *pamphilus* should be considered as being separate species, despite superficial affinities between the two and allopatry.

References

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APATURA IRIS L. — A SECOND BROOD SPECIMEN. — In the exceptionally hot weather this summer the Purple Emperor was out at least two weeks ahead of its normal emergence period. Of 42 pupae on sleeved willow in our garden 18 emerged before the end of June (including several females) and on 30th June my wife and I saw a female *iris* settled on the ground in a Wiltshire wood. On the same day a captive hand-paired *iris* had already commenced ovipositing and larvae appeared after only five days. One of these early larvae grew rapidly undergoing all four moults and finally pupated on 12th September. The perfect insect, a smallish female, emerged three weeks later on 3rd October. The whole life cycle took place on the same sleeved willow without forcing of any kind. — Dr. C. J. LUCKENS, 52 Thorold Road, Bitterne Park, Southampton, SO2 4JG.

A LATE VANESSA IO L. LARVA. — Baron de Worms' note on late Peacocks (*Ent. Rec.*, **88**: 264) reminds me that I saw a fully-fed *io* larva on the inside wall of my garage here, clearly looking for somewhere to pupate, as late as last Sunday, 23rd October. This is almost unbelievably late for a larva, and since a number of imagines were flying in my garden during August and September, I think it very likely that this represented a second brood. Unfortunately I was unable to give time to box it at that moment, and it had disappeared on my return later. I wonder if it will emerge and, if so, when? — N. A. WATKINS, Hazel Mead, Priory Road, Easton-in-Gordano, Nr. Bristol, BS20 0PR, 27.x.76.